

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
CLASS SPECIFICATION

INDUSTRIAL SERVICES HYGIENIST TECHNICIAN

POSITION CODE: 21130
Effective: 7-16-89

DISTINGUISHING FEATURES OF WORK:

Under general supervision, performs technical duties involving industrial hygiene consultations in the beginning phases of high hazard occupations; conducts sampling in a variety of small business establishments using skills to recognize occupational health hazards; evaluates health hazards for compliance with OSHA standards, ACGIH and NIOSH recommendations using appropriate measurement equipment; provides on-the-job training for hygiene trainees; provides training for employers and employees as identified during the consultation process; evaluates and assesses the magnitude of environmental stresses in relation to their potential to impair workers' health and well being.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Visits work sites; holds opening conferences with employer and with employees' representatives, when appropriate, to explain the purpose and scope of the investigation; reviews company safety and health records and programs.
2. Conducts walk through of the work site observing work practices and operations to identify hazardous conditions; collects personal and area samples and measurements to obtain data using sound level meters, audio dosimeters, air sampling pumps, velometers, etc.
3. Effectively calibrates noise measurement, air sampling and other technical equipment; submits samples to the approved laboratory for chemical analysis to evaluate employee exposures; completes calculations to determine whether or not a hazard exists; consults with senior level hygiene consultants to develop appropriate engineering/administrative controls for the identified hazards.
4. Prepares the case file for review and submits a technical report to the business establishment surveyed to communicate findings and recommendations.
5. Attends and participates in staff meetings, conferences, workshops, and institutes and other activities which will provide meaningful learning experiences relating to the development of engineering and/or administrative control of health hazards.
6. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

INDUSTRIAL SERVICES HYGIENIST TECHNICIAN (Continued)

DESIRABLE REQUIREMENTS:

Education and Experience

Requires a bachelor's degree with coursework in industrial hygiene, engineering, physical sciences (physics, chemistry, biology, etc.), environmental or public health, or occupational safety and health.

Requires one year of professional experience in the industrial hygiene, engineering, physical sciences, or environmental/public health field or the successful completion of an approved training program.

Knowledges, Skills and Abilities

Requires working knowledge and understanding of federal OSHA laws, standards and regulations.

Requires working knowledge of consensus health standards (ACGIH and NIOSH).

Requires working knowledge of industrial hygiene concepts, common industrial occupational diseases, health hazards and toxic sources.

Requires working knowledge of management theories and principles in the practice of industrial hygiene.

Requires working knowledge of the bacteriological, radiological, physiological, and organic and inorganic chemistry to industrial hygiene application.

Requires ability to operate, maintain and use appropriately detection and measurement equipment.

Requires ability to interpret the provisions of the state and federal OSHA laws.

Requires ability to effectively advise and assist employers with safety and health compliance.

Requires ability to advise employers of hazardous situations.

Requires ability to analyze safety and health related data, and study work practices and processes.

Requires ability to determine the degree of worker involvement and risk and to determine the severity of the hazard.

Requires ability to provide training to employers and employees.

Requires ability to communicate effectively orally and in writing.

Requires ability to prepare and analyze technical reports.

Requires ability to establish and maintain satisfactory working relationships with industrial management, government officials, union representatives, and factory personnel.